UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/541,001	03/31/2000	James S. Bratsanos	E-989	1962

919 7590 10/04/2004	EXAMINER	
PITNEY BOWES INC.	PHAM, THIERRY L	
35 WATERVIEW DRIVE		
P.O. BOX 3000	ART UNIT	PAPER NUMBER
MSC 26-22	2624	
SHELTON, CT 06484-8000		

DATE MAILED: 10/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on *Amendment filed 6/22/04*.

2a) ☒ This action is **FINAL**.　　2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-10* is/are pending in the application.

　　4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-10* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

　　Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

　　Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

　　a) ☐ All　b) ☐ Some * c) ☐ None of:

　　　1. ☐ Certified copies of the priority documents have been received.

　　　2. ☐ Certified copies of the priority documents have been received in Application No. _____.

　　　3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

　　* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
　　Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
　　Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

1.   This action is responsive to the following communication: an Amendment filed on 6/22/2004.

Claim Rejections - 35 USC § 102

2.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3.   Claims 1-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Cordery et al (U.S. 5628249).

Regarding claim 1, Cordery discloses a method for modifying print stream data in a printing system, said methods comprising the steps of:

(a) sending (sending print data from host computer, fig. 3) a print stream data (job data, fig. 1) from a processing application (word processing application, fig. 2) to a print spooler (printer controller, fig. 3, col. 4, lines 24-37));

(b) determining, in a document driver (driver 37, fig. 2), whether or not said print stream comprises text data (driver 37 determines and extracts address data (text data) from the document data, col. 3, lines 53-58), and;

(i) if said print stream comprises text data then tagging (saves text data (address data) in the envelop data buffer, fig. 4) said text data and sending tagged text data to a user module (operator interface, fig. 4) for further parsing; or

(ii) if said print stream does not comprises text data then sending said print stream to a direct data injection step for a document printer (sends job data to the document print engine, fig. 4);

(c) storing said tagged text in a local buffer (saves text data (address data) in the envelop data buffer, fig. 4);

(d) retrieving said tagged text from said local buffer and determining whether or not an address is contained within said tagged text (driver 37 determines and extracts address data (text data) from the document data, col. 3, lines 53-58); and

(i) if an address is found in said tagged text, then placing said address in an envelop print format (envelope printer driver for converting address data to envelop format, fig. 4, col. 6, lines 35-48) to create an envelop data set; and

(ii) if an address is not found then sending said tagged text directly to said data injection step (sends document data to the document printer driver, fig. 4);

(e) creating an envelop printer device context (job data comprising envelop data, figs. 2 and 4) from the document driver (driver 37, fig. 2) and transmitting (cable connecting to envelope printer driver, fig. 4) said envelop data set to an envelop printer driver (envelope printer driver 119, fig. 2) for creating an envelop printer device language file (envelope print data, fig. 4, col. 3, lines 24-36);

(f) reading (MFU controller, fig. 3) said printer device language (PDL, fig. 4) and then injecting said envelop data set into said print stream so that the envelop data (envelope data, fig. 4) may be transmitted to the envelop printer (sends envelope data to envelope printer, fig. 4) and the document data to the document printer (sends document data to document printer, fig. 4) and

(g) transmitting said print stream to a next destination (printer controller, col. 4, lines 24-38).

Regarding claim 2, Cordery further discloses a method of modifying print stream data in a printing system, wherein said print stream is passed through a graphical device interface (GDI) (operator interface, fig. 4) when being sent from said data processing application to said print spooler to form a GDI print stream (operator interface, fig. 4).

Regarding claim 3, Cordery further discloses a method of modifying print stream data in a printing system, wherein said print stream comprises control data (job data comprises job header 12, fig. 1, col. 2, lines 54-67).

Regarding claim 4, Cordery further discloses a method of modifying print stream data in a printing system, wherein said local buffer stores said tagged text until at least one end-of-page

control mark (end of job marker, Fig. 1, col. 3, lines 37-40 and col. 4, lines 39-49) is received in said local buffer.

Regarding claim 5, Cordery further discloses a method of modifying print stream data in a printing system, wherein said tagged text stored in said local buffer cannot be retrieved until said stored tagged text has received an end of page control mark (an end-of-job code is detected and the controller recognizes that the last envelop is in drying buffer, col. 6, lines 49-67 and col. 7, lines 1-7) for said stored tagged text sought to be retrieved.

Regarding claim 6, Cordery further discloses a method of modifying print stream data in a printing system, wherein said data processing application is a mailpiece designer application (Microsoft Word Processing Application, col. 3, lines 40-67 and col. 4, lines 1-6).

Regarding claim 7, Cordery further discloses a method of modifying print stream data in a printing system, wherein said mailpiece designer application is capable of presenting a data entry screen to a system user for performing the further steps of:
(a) creating and/or modifying a mailpiece definition file (col. 3, lines 40-52); and
(b) storing and/or retrieving one or more mailpiece definition files wherein each of said files corresponds to a specific mail print run (col. 3, lines 40-52). It is known in the art that Microsoft Word is capable of creating and/or modifying any word documents (including mailpiece defintion files) and storing and/or retrieving mailpiece definition files.

Regarding claim 8, Cordery further discloses a method of modifying print stream data in a printing system, wherein said print stream comprises a control page wizard (job header, col. 2, lines 54-67).

Regarding claim 9, Cordery further discloses a method of modifying print stream data in a printing system, wherein said control page wizard is utilized to facilitate mail merge functionality (driver 37 merges document data with feeder selection data, Fig. 2, col. 3, lines 40-52) within said printing system.

Regarding claim 10, Cordery further discloses a method of modifying print stream data in a printing system, wherein said GDI print stream is converted by a document printer command language (PCL) generator into an envelope printer language (PDL, Fig. 4 and Envelop Printer Driver, col. 5, lines 46-58).

Response to Arguments

4.   Applicant's arguments filed 6/22/04 have been fully considered but they are not persuasive.

Regarding claim 1, the applicants argued the prior art taught by Cordery does not teach steps b(i), b (ii), e and f.

In response, Cordery explicitly teaches (b) determining, in a document driver (driver 37, fig. 2), whether or not said print stream comprises text data (driver 37 determines and extracts address data (text data) from the document data, col. 3, lines 53-58), and;

(i) if said print stream comprises text data then tagging (if the print job comprising text data (i.e. address data), then extracting and tagging the address data from the print job and forwarding to an envelop data buffer and further parsing to the operator interface, fig. 4) said text data and sending tagged text data to a user module (operator interface, fig. 4) for further parsing (address data are further forwarded to an envelope printer, fig. 4); or

(ii) if said print stream does not comprises text data then sending said print stream for direct data injection step for a document printer (sends job data to the document print engine, fig. 4);

(e) creating an envelop printer device context (job data comprising envelop data, figs. 2 and 4) from the document driver (driver 37, fig. 2) and transmitting (cable connecting to envelope printer driver, fig. 4) said envelop data set to an envelop printer driver (envelope printer driver 119, fig. 2) for creating an envelop printer device language file (envelope print data, fig. 4, col. 3, lines 24-36);

(f) reading (MFU controller, fig. 3) said printer device language (PDL, fig. 4) and then injecting said envelop data set into said print stream so that the envelop data (envelope data, fig. 4) may be

transmitted to the envelop printer (sends envelope data to envelope printer, fig. 4) and the document data to the document printer (sends document data to document printer, fig. 4).
-Cordery clearly teaches a printing system for sending envelope data to an envelope printer and document data to document printer using driver 37 as shown in fig. 2, col. 3, lines 54-67.
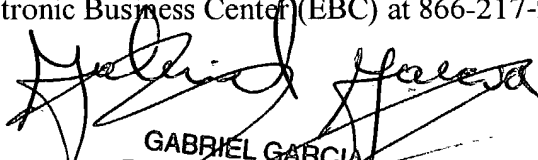
Conclusion

5.   **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

6.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thierry L Pham whose telephone number is (703) 305-1897. The examiner can normally be reached on M-F (9:30 AM - 6:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David K Moore can be reached on (703)308-7452. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

GABRIEL GARCIA
PRIMARY EXAMINER